



Arete Delta 8 / CBC Hemp Extract

Sample ID: G0F0401-01

Matrix: Hemp Extracts &

Test ID: 5005316

Source ID:

Date Sampled: 06/22/20

Date Accepted: 06/22/20

Arete Hemp LLC

Results at a Glance

Total THC : <LOQ (0.6307%) %

Total CBD : <LOQ (0.0431%) %

Pesticides : PASS

Residual Solvent Analysis : PASS

METALS : PASS



Eric Wendt
Chief Science Officer - 6/26/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



Arete Delta 8 / CBC Hemp Extract

Sample ID: G0F0401-01 Matrix: Hemp Extracts &
Test ID: 5005316
Source ID:
Date Sampled: 06/22/20 Date Accepted: 06/22/20

Arete Hemp LLC

Potency Analysis

Date/Time Extracted: 06/24/20 09:46 Analysis Method/SOP: 215 Batch Identification: 2026028

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.6307	< LOQ	< LOQ		
Total CBD	0.0431	< LOQ	< LOQ		
THCA	0.2428	< LOQ	< LOQ		
delta 9-THC	0.6307	< LOQ	< LOQ		
delta 8-THC	0.3736	67.10	671		
Exo-THC	0.0868	< LOQ	< LOQ		
THCV	0.1052	< LOQ	< LOQ		
THCVA	0.0392	< LOQ	< LOQ		
CBD	0.0324	< LOQ	< LOQ		
CBDA	0.0431	< LOQ	< LOQ		
CBDV	0.1040	< LOQ	< LOQ		
CBDVA	0.0341	< LOQ	< LOQ		
CBN	0.0622	0.6117	6.117		
CBG	0.0164	< LOQ	< LOQ		
CBGA	0.0164	< LOQ	< LOQ		
CBC	0.1864	10.73	107.3		
Total Cannabinoids		89.02	890.2		

Total THC = delta 9-THC + (THCA * 0.877)

Total CBD = CBD + (CBDA * 0.877)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 6/26/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



Arete Delta 8 / CBC Hemp Extract - Durban Poison

Sample ID: G0F0457-03

Matrix: Hemp Products

Test ID: 5005322

Source ID:

Date Sampled: 06/23/20

Date Accepted: 06/23/20

Arete Hemp LLC

Terpene Analysis

Date/Time Extracted: 06/26/20 11:50

Analysis Method/SOP: 204

Monoterpenes	%	mg/g	Monoterpenes	%	mg/g
Camphene	< LOQ	< LOQ	Camphor	< LOQ	< LOQ
3-Carene	< LOQ	< LOQ	alpha-Cedrene	< LOQ	< LOQ
Cedrol	< LOQ	< LOQ	Endo-fenchyl alcohol	< LOQ	< LOQ
Eucalyptol	< LOQ	< LOQ	Fenchone	0.05850	0.585
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	0.1421	1.421
Linalool	< LOQ	< LOQ	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	0.4035	4.035	alpha-Pinene	0.06593	0.6593
beta-Pinene	< LOQ	< LOQ	Pulegone	< LOQ	< LOQ
Sabinene	< LOQ	< LOQ	Sabinene hydrate	< LOQ	< LOQ
gamma-Terpinene	< LOQ	< LOQ	alpha-Terpinene	< LOQ	< LOQ
Terpineol	< LOQ	< LOQ	Terpinolene	3.552	35.52
B Y-Terpineol	< LOQ	< LOQ	Nerol	< LOQ	< LOQ
A-Terpineol	< LOQ	< LOQ	Borneol	< LOQ	< LOQ
Ocimene isomer II	< LOQ	< LOQ	Ocimene isomer I	< LOQ	< LOQ
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	< LOQ	< LOQ	beta-Caryophyllene	0.3410	3.41
Caryophyllene Oxide	0.06192	0.6192	Guaiol	< LOQ	< LOQ
alpha-Humulene	0.2184	2.184	trans-Nerolidol	< LOQ	< LOQ
Valencene	< LOQ	< LOQ	cis-Nerolidol	< LOQ	< LOQ
Total Terpenes	4.844	48.44			

<LOQ - Results below the Limit of Quantitation - Terpenes profile/analysis are not accredited to ORELAP TNI 2009 Quality Standards.



Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 6/29/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



Arete Delta 8 / CBC Hemp Extract

Sample ID: G0F0401-01 Matrix: Hemp Extracts &

Test ID: 5005316

Source ID:

Date Sampled: 06/22/20 Date Accepted: 06/22/20

Arete Hemp LLC

Pesticide Analysis in ppm

Date/Time Extracted: 06/23/20 11:25
Analysis Method/SOP: 202

Analyte	Result	Action Level	LOD	LOQ	Units	Analyte	Result	Action Level	LOD	LOQ	Units
Abamectin	< LOQ	0.5		0.4	ppm	Acephate	< LOQ	0.4		0.06	ppm
Acequinocyl	< LOQ	2		0.4	ppm	Acetamiprid	< LOQ	0.2		0.06	ppm
Aldicarb	< LOQ	0.4		0.06	ppm	Azoxystrobin	< LOQ	0.2		0.06	ppm
Bifenazate	< LOQ	0.2		0.06	ppm	Bifenthrin	< LOQ	0.2		0.06	ppm
Boscalid	< LOQ	0.4		0.06	ppm	Carbaryl	< LOQ	0.2		0.06	ppm
Carbofuran	< LOQ	0.2		0.06	ppm	Chlorantraniliprole	< LOQ	0.2		0.06	ppm
Chlorfenapyr	< LOQ	1		0.4	ppm	Chlorpyrifos	< LOQ	0.2		0.06	ppm
Clofentezine	< LOQ	0.2		0.06	ppm	Cyfluthrin	< LOQ	1		0.06	ppm
Cypermethrin	< LOQ	1		0.4	ppm	Daminozide	< LOQ	1		0.06	ppm
DDVP (Dichlorvos)	< LOQ	1		0.06	ppm	Diazinon	< LOQ	0.2		0.06	ppm
Dimethoate	< LOQ	0.2		0.06	ppm	Ethoprophos	< LOQ	0.2		0.06	ppm
Etofenprox	< LOQ	0.4		0.06	ppm	Etoxazole	< LOQ	0.2		0.06	ppm
Fenoxycarb	< LOQ	0.2		0.06	ppm	Fenpyroximate	< LOQ	0.4		0.06	ppm
Fipronil	< LOQ	0.4		0.1	ppm	Flonicamid	< LOQ	1		0.06	ppm
Fludioxonil	< LOQ	0.4		0.06	ppm	Fludioxonil	< LOQ	0.4		0.06	ppm
Hexythiazox	< LOQ	1		0.1	ppm	Imazalil	< LOQ	0.2		0.06	ppm
Imidacloprid	< LOQ	0.4		0.06	ppm	Kresoxim-methyl	< LOQ	0.4		0.1	ppm
Malathion	< LOQ	0.2		0.06	ppm	Metalaxyl	< LOQ	0.2		0.06	ppm
Methiocarb	< LOQ	0.2		0.06	ppm	Methomyl	< LOQ	0.4		0.06	ppm
Methyl parathion	< LOQ	0.2		0.06	ppm	MGK-264	< LOQ	0.2		0.06	ppm
Myclobutanil	< LOQ	0.2		0.06	ppm	Naled	< LOQ	0.5		0.06	ppm
Oxamyl	< LOQ	1		0.06	ppm	Paclobutrazol	< LOQ	0.4		0.06	ppm
Permethrins	< LOQ	0.2		0.06	ppm	Phosmet	< LOQ	0.2		0.06	ppm
Piperonyl butoxide	< LOQ	2		0.9	ppm	Prallethrin	< LOQ	0.2		0.06	ppm
Propiconazole	< LOQ	0.4		0.06	ppm	Propoxur	< LOQ	0.2		0.06	ppm
Pyrethrins	< LOQ	1		0.06	ppm	Pyridaben	< LOQ	0.2		0.06	ppm
Spinosad	< LOQ	0.2		0.06	ppm	Spiromesifen	< LOQ	0.2		0.06	ppm
Spirotetramat	< LOQ	0.2		0.06	ppm	Spiroxamine	< LOQ	0.4		0.06	ppm
Tebuconazole	< LOQ	0.4		0.06	ppm	Thiacloprid	< LOQ	0.2		0.06	ppm
Thiamethoxam	< LOQ	0.2		0.06	ppm	Trifloxystrobin	< LOQ	0.2		0.06	ppm

ND - Compound not detected

Results above the Action Level fail state testing requirements and will be highlighted Red.



Eric Wendt
Chief Science Officer - 6/26/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



Arete Delta 8 / CBC Hemp Extract

Sample ID: G0F0401-01

Matrix: Hemp Extracts &

Test ID: 5005316

Source ID:

Date Sampled: 06/22/20

Date Accepted: 06/22/20

Arete Hemp LLC

Residual Solvents

Date/Time Extracted: 06/23/20 13:25

Analysis Method/SOP: 205

Analyte	Result	Action Level	LOD	LOQ	Units
1,4-Dioxane	< LOQ	380		50.00	ppm
2-Butanol	< LOQ	5000		1000	ppm
2-Ethoxyethanol	< LOQ	160		80.00	ppm
2-Propanol (IPA)	< LOQ	5000		1000	ppm
Acetone	< LOQ	5000		1000	ppm
Acetonitrile	< LOQ	410		50.00	ppm
Benzene	< LOQ	2		1.000	ppm
Butanes	< LOQ	5000		1000	ppm
Cumene	< LOQ	70		35.00	ppm
Cyclohexane	< LOQ	3880		50.00	ppm
Dichloromethane	< LOQ	600		50.00	ppm
Ethyl acetate	< LOQ	5000		1000	ppm
Ethyl benzene	< LOQ	2170		35.00	ppm
Ethyl ether	< LOQ	5000		1000	ppm
Ethylene glycol	< LOQ	620		310.0	ppm
Ethylene oxide	< LOQ	50		25.00	ppm
Heptane	< LOQ	5000		1000	ppm
Hexanes	< LOQ	290		50.00	ppm
Isopropyl acetate	< LOQ	5000		1000	ppm
Methanol	< LOQ	3000		1000	ppm
Pentanes	< LOQ	5000		1000	ppm
Propane	< LOQ	5000		1000	ppm
Tetrahydrofuran	< LOQ	720		50.00	ppm
Toluene	< LOQ	890		50.00	ppm
Xylenes	< LOQ	2170		50.00	ppm

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted **Red**.



Eric Wendt
Chief Science Officer - 6/26/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



Arete Delta 8 / CBC Hemp Extract

Sample ID: G0F0401-01 Matrix: Hemp Extracts &
Test ID: 5005316
Source ID:
Date Sampled: 06/22/20 Date Accepted: 06/22/20

Arete Hemp LLC

Metals Analysis by ICPMS

Date/Time Extracted: 06/25/20 12:15

Analysis Method/SOP: HM-001

Analyte	Result	LOD	LOQ	Units
Arsenic	< LOQ	0.01	0.05	ug/g
Cadmium	< LOQ	0.001	0.05	ug/g
Lead	< LOQ	0.002	0.05	ug/g
Mercury	< LOQ	0.004	0.01	ug/g

Metal analyses are not accredited to ORELAP TNI 2009 Quality Standards.
<LOQ - Results below the Limit of Quantitation - Compound not detected

Analysis Subcontracted to Green Leaf Labs - SCCA.



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 6/26/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



Quality Control Potency

Batch: 2026028 - 215-Concentrates

Blank(2026028-BLK2)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.0607	%		06/24/20 09:46	06/24/20 18:48
delta 9-THC	< LOQ	0.1577	%		06/24/20 09:46	06/24/20 18:48
delta 8-THC	< LOQ	0.0934	%		06/24/20 09:46	06/24/20 18:48
Exo-THC	< LOQ	0.0217	%		06/24/20 09:46	06/24/20 18:48
THCV	< LOQ	0.1052	%		06/24/20 09:46	06/24/20 18:48
THCVA	< LOQ	0.0392	%		06/24/20 09:46	06/24/20 18:48
CBD	< LOQ	0.0324	%		06/24/20 09:46	06/24/20 18:48
CBDA	< LOQ	0.0431	%		06/24/20 09:46	06/24/20 18:48
CBDV	< LOQ	0.1040	%		06/24/20 09:46	06/24/20 18:48
CBDVA	< LOQ	0.0341	%		06/24/20 09:46	06/24/20 18:48
CBN	< LOQ	0.0622	%		06/24/20 09:46	06/24/20 18:48
CBG	< LOQ	0.0164	%		06/24/20 09:46	06/24/20 18:48
CBGA	< LOQ	0.0164	%		06/24/20 09:46	06/24/20 18:48
CBC	< LOQ	0.1864	%		06/24/20 09:46	06/24/20 18:48

Reference(2026028-SRM2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	112	0.0295	%	80-120	06/24/20 09:46	06/24/20 19:11
delta 9-THC	111	0.0765	%	80-120	06/24/20 09:46	06/24/20 19:11
CBD	110	0.0157	%	80-120	06/24/20 09:46	06/24/20 19:11
CBDA	107	0.0209	%	80-120	06/24/20 09:46	06/24/20 19:11

Pesticide Analysis

Batch: 2026016 - 202

Blank(2026016-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.4	ppm		06/23/20 11:25	06/23/20 20:10
DDVP (Dichlorvos)	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 17:24
Acephate	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Acequinocyl	< LOQ	0.4	ppm		06/23/20 11:25	06/23/20 20:10
Acetamiprid	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Aldicarb	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Azoxystrobin	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Bifenazate	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Bifenthrin	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Boscalid	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 17:24
Carbaryl	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Carbofuran	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Chlorantraniliprole	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10



Eric Wendt
Chief Science Officer - 6/26/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



Quality Control Pesticide Analysis (Continued)

Batch: 2026016 - 202 (Continued)

Blank(2026016-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Chlorfenapyr	< LOQ	0.4	ppm		06/23/20 11:25	06/23/20 17:24
Chlorpyrifos	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Clofentezine	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Daminozide	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Cyfluthrin	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 17:24
Diazinon	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Cypermethrin	< LOQ	0.4	ppm		06/23/20 11:25	06/23/20 17:24
Dimethoate	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Ethoprophos	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Etofenprox	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Etoxazole	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Fenoxycarb	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Fenpyroximate	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Flonicamid	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Fludioxonil	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Hexythiazox	< LOQ	0.1	ppm		06/23/20 11:25	06/23/20 20:10
Imazalil	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Fipronil	< LOQ	0.1	ppm		06/23/20 11:25	06/23/20 17:24
Imidacloprid	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Fludioxonil	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 17:24
Metalaxyl	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Methiocarb	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Methomyl	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Myclobutanil	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Kresoxim-methyl	< LOQ	0.1	ppm		06/23/20 11:25	06/23/20 17:24
Naled	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Malathion	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 17:24
Oxamyl	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Paclobutrazol	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Methyl parathion	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 17:24
MGK-264	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 17:24
Phosmet	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Piperonyl butoxide	< LOQ	0.9	ppm		06/23/20 11:25	06/23/20 20:10
Prallethrin	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Propoxur	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Permethrins	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 17:24
Pyrethrins	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Pyridaben	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10



Eric Wendt
Chief Science Officer - 6/26/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



Quality Control Pesticide Analysis (Continued)

Batch: 2026016 - 202 (Continued)

Blank(2026016-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Propiconazole	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 17:24
Spinosad	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Spiromesifen	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Spirotetramat	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Spiroxamine	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Tebuconazole	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Thiacloprid	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Thiamethoxam	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10
Trifloxystrobin	< LOQ	0.06	ppm		06/23/20 11:25	06/23/20 20:10

LCS(2026016-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	110	0.4	ppm	70-130	06/23/20 11:25	06/23/20 20:33
DDVP (Dichlorvos)	124	0.06	ppm	70-130	06/23/20 11:25	06/23/20 17:46
Acephate	122	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Acequinocyl	31.8	0.4	ppm	5.57-33.8	06/23/20 11:25	06/23/20 20:33
Acetamiprid	111	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Aldicarb	118	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Azoxystrobin	116	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Bifenazate	114	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Bifenthrin	124	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Boscalid	73.2	0.06	ppm	70-130	06/23/20 11:25	06/23/20 17:46
Carbaryl	116	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Carbofuran	115	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Chlorantraniliprole	92.4	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Chlorfenapyr	114	0.4	ppm	70-130	06/23/20 11:25	06/23/20 17:46
Chlorpyrifos	105	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Clofentezine	15.3	0.06	ppm	14.4-62.3	06/23/20 11:25	06/23/20 20:33
Daminozide	125	0.06	ppm	0-100	06/23/20 11:25	06/23/20 20:33
Cyfluthrin	94.5	0.06	ppm	70-130	06/23/20 11:25	06/23/20 17:46
Diazinon	119	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Cypermethrin	112	0.4	ppm	70-130	06/23/20 11:25	06/23/20 17:46
Dimethoate	115	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Ethoprophos	113	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Etofenprox	109	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Etoxazole	118	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Fenoxycarb	116	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Fenpyroximate	65.7	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Flonicamid	122	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33



Eric Wendt
Chief Science Officer - 6/26/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



Quality Control Pesticide Analysis (Continued)

Batch: 2026016 - 202 (Continued)

LCS(2026016-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Fludioxonil	119	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Hexythiazox	116	0.1	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Imazalil	73.9	0.06	ppm	57.9-96.4	06/23/20 11:25	06/23/20 20:33
Fipronil	96.8	0.1	ppm	70-130	06/23/20 11:25	06/23/20 17:46
Imidacloprid	114	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Fludioxonil	103	0.06	ppm	70-130	06/23/20 11:25	06/23/20 17:46
Metalaxyl	113	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Methiocarb	119	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Methomyl	123	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Myclobutanil	117	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Kresoxim-methyl	123	0.1	ppm	70-130	06/23/20 11:25	06/23/20 17:46
Naled	117	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Malathion	103	0.06	ppm	70-130	06/23/20 11:25	06/23/20 17:46
Oxamyl	122	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Paclobutrazol	112	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Methyl parathion	82.1	0.06	ppm	70-130	06/23/20 11:25	06/23/20 17:46
MGK-264	105	0.06	ppm	70-130	06/23/20 11:25	06/23/20 17:46
Phosmet	111	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Piperonyl butoxide	128	0.9	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Prallethrin	107	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Propoxur	117	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Permethrins	91.3	0.06	ppm	70-130	06/23/20 11:25	06/23/20 17:46
Pyrethrins	42.9	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Pyridaben	116	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Propiconazole	98.2	0.06	ppm	70-130	06/23/20 11:25	06/23/20 17:46
Spinosad	74.2	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Spiromesifen	120	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Spirotetramat	104	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Spiroxamine	104	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Tebuconazole	101	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Thiacloprid	117	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Thiamethoxam	117	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33
Trifloxystrobin	116	0.06	ppm	70-130	06/23/20 11:25	06/23/20 20:33

Solvent Analysis

Batch: 2026022 - 205

Blank(2026022-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed



Eric Wendt
Chief Science Officer - 6/26/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



Quality Control Solvent Analysis (Continued)

Batch: 2026022 - 205 (Continued)

Blank(2026022-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		06/23/20 13:25	06/25/20 05:11
Acetonitrile	< LOQ	50.00	ppm		06/23/20 13:25	06/25/20 05:11
Benzene	< LOQ	1.000	ppm		06/23/20 13:25	06/25/20 05:11
Butanes	< LOQ	1000	ppm		06/23/20 13:25	06/25/20 05:11
2-Butanol	< LOQ	1000	ppm		06/23/20 13:25	06/25/20 05:11
Cumene	< LOQ	35.00	ppm		06/23/20 13:25	06/25/20 05:11
Cyclohexane	< LOQ	50.00	ppm		06/23/20 13:25	06/25/20 05:11
Dichloromethane	< LOQ	50.00	ppm		06/23/20 13:25	06/25/20 05:11
1,4-Dioxane	< LOQ	50.00	ppm		06/23/20 13:25	06/25/20 05:11
2-Ethoxyethanol	< LOQ	80.00	ppm		06/23/20 13:25	06/25/20 05:11
Ethyl acetate	< LOQ	1000	ppm		06/23/20 13:25	06/25/20 05:11
Ethyl benzene	< LOQ	35.00	ppm		06/23/20 13:25	06/25/20 05:11
Ethylene glycol	< LOQ	310.0	ppm		06/23/20 13:25	06/25/20 05:11
Ethylene oxide	< LOQ	25.00	ppm		06/23/20 13:25	06/25/20 05:11
Ethyl ether	< LOQ	1000	ppm		06/23/20 13:25	06/25/20 05:11
Heptane	< LOQ	1000	ppm		06/23/20 13:25	06/25/20 05:11
Hexanes	< LOQ	50.00	ppm		06/23/20 13:25	06/25/20 05:11
Isopropyl acetate	< LOQ	1000	ppm		06/23/20 13:25	06/25/20 05:11
Methanol	< LOQ	1000	ppm		06/23/20 13:25	06/25/20 05:11
Pentanes	< LOQ	1000	ppm		06/23/20 13:25	06/25/20 05:11
Propane	< LOQ	1000	ppm		06/23/20 13:25	06/25/20 05:11
2-Propanol (IPA)	< LOQ	1000	ppm		06/23/20 13:25	06/25/20 05:11
Tetrahydrofuran	< LOQ	50.00	ppm		06/23/20 13:25	06/25/20 05:11
Toluene	< LOQ	50.00	ppm		06/23/20 13:25	06/25/20 05:11
Xylenes	< LOQ	50.00	ppm		06/23/20 13:25	06/25/20 05:11

LCS(2026022-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	90.6	1000	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Acetonitrile	89.6	50.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Benzene	85.6	1.000	ppm	70-130	06/23/20 13:25	06/25/20 05:11
n-Butane	96.0	50.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Butanes	96.0	1000	ppm	70-130	06/23/20 13:25	06/25/20 05:11
2-Butanol	84.4	1000	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Cumene	92.9	35.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Cyclohexane	95.7	50.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Dichloromethane	92.6	50.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
1,4-Dioxane	91.9	50.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
2-Ethoxyethanol	74.8	80.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11



Eric Wendt
Chief Science Officer - 6/26/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



Quality Control Solvent Analysis (Continued)

Batch: 2026022 - 205 (Continued)

LCS(2026022-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Ethyl acetate	90.6	1000	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Ethyl benzene	92.6	35.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Ethylene glycol	99.8	310.0	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Ethylene oxide	89.9	25.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Ethyl ether	94.5	1000	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Heptane	93.1	1000	ppm	70-130	06/23/20 13:25	06/25/20 05:11
n-Hexane	95.9	50.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Hexanes	77.6	50.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
iso-Butane	95.9	50.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Isopropyl acetate	89.6	1000	ppm	70-130	06/23/20 13:25	06/25/20 05:11
iso-Pentane	95.0	50.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Methanol	86.1	1000	ppm	70-130	06/23/20 13:25	06/25/20 05:11
2-Methylpentane	96.0	50.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
3-Methylpentane	96.4	50.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
neo-Pentane	99.3	50.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
n-Pentane	96.5	50.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Pentanes	96.9	1000	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Propane	96.8	1000	ppm	70-130	06/23/20 13:25	06/25/20 05:11
2-Propanol (IPA)	89.2	1000	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Tetrahydrofuran	91.3	50.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11
Toluene	93.4	50.00	ppm	70-130	06/23/20 13:25	06/25/20 05:11



Eric Wendt
Chief Science Officer - 6/26/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



Quality Control Metals Analysis

Batch: 2026020 - Metals

Blank(2026020-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Cadmium	< LOQ	0.05	ug/g		06/25/20 12:15	06/26/20 16:53
Lead	< LOQ	0.05	ug/g		06/25/20 12:15	06/26/20 16:53
Arsenic	< LOQ	0.05	ug/g		06/25/20 12:15	06/26/20 16:53
Mercury	< LOQ	0.01	ug/g		06/25/20 12:15	06/26/20 16:53

LCS(2026020-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Cadmium	108	0.05	ug/g	70-130	06/25/20 12:15	06/26/20 16:55
Lead	113	0.05	ug/g	70-130	06/25/20 12:15	06/26/20 16:55
Arsenic	108	0.05	ug/g	70-130	06/25/20 12:15	06/26/20 16:55
Mercury	75.2	0.01	ug/g	70-130	06/25/20 12:15	06/26/20 16:55



Eric Wendt
Chief Science Officer - 6/26/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements